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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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21874 7590 02/09/2004

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Eileen M. Woodbury	(Depositor's name)
<i>Eileen M Woodbury</i>	(Signature)
April 20, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/905,779	07/13/2001	Kiyoshi Kumata	70840-56261	3505

TITLE OF INVENTION: OMNIDIRECTIONAL VISION SENSOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	05/10/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
SIKDER, MOHAMMAD YUNUS	2872	359-852000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 EDWARDS & ANGELL, LLP
- 2 David G. Conlin
- 3 George W. Hartnell, III

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Sharp Kabushiki Kaisha

Osaka, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee
- ☒ Advance Order - # of Copies 10

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- ☒ A check in the amount of the fee(s) is enclosed.
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Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) George W. Hartnell, III (Date) 4/20/04

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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04/23/2004 FMETK12 00000008 09905779

01 FC:1501
02 FC:1504
03 FC:8001

1330.00 OP
300.00 OP
30.00 OP

TRANSMIT THIS FORM WITH FEE(S)



Practitioner's Docket No. 56,261 (70840)
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: K. Kumata, et al. Confirmation No. 3505
Application No.: 09/905,779 Group No.: 2872
Filed: July 13, 2001 Examiner: Sikder, Mohammad Yunus
For: OMNIDIRECTIONAL VISION SENSOR

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TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 C.F.R. SECTION 1.311)

1. Applicant hereby pays the Issue Fee for the attached Issue Fee Transmittal PTOL-85.
2. Fee (37 C.F.R. section 1.18(a) and (b)):

Application status is:	Regular	Design
<input type="checkbox"/> s mall business entity fee	<input type="checkbox"/> \$ 665.00	<input type="checkbox"/> \$240.00
<input type="checkbox"/> s tatement attached		
<input type="checkbox"/> statement filed on		

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. SECTION 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

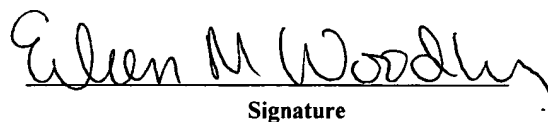
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Date: April 20, 2004

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Trademark Office.


Signature

Eileen M. Woodbury

_(type or print name of person certifying)

3. Publication fee [X] \$300.00

4. Advanced order of soft copies of patent fee [X] \$30.00

Total Fee Enclosed: \$1660.00

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[X] Charge Account 04-1105 for any fee deficiency.

[] Charge Account _____ the sum of \$ _____.

A duplicate of this request is attached.

Date: April 20, 2004


SIGNATURE OF PRACTITIONER

George W. Hartnell, III

Reg. No. 42,639

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